

# Agriculture of Panjab Plain

The Panjab plain is a large alluvial plain in north-western India. It extends from  $27^{\circ}39' N$  to  $32^{\circ}30'$  north latitude and  $73^{\circ}31'$  east long. to  $77^{\circ}36'$  east longitude. It has an area of  $99200 \text{ km}^2$ . It covers the area of Panjab, Haryana, Chandigarh and the union territory of Delhi, except for the Shadhar zone. It is bounded by the Siwalik range in the north, the Yamuna river to the east, the arid zone of Rajasthan state to the south, and the Ravi and Sutlej rivers to the northwest and southwest respectively.

## Historical Background:-

The Panjab plain is a large. includes the Pakistani province of Panjab and the Indian state of Panjab. The plain is the western part of the North Indian River plain in Pakistan formed by the Indus river and its tributaries - Jhelum, Chenab, Ravi, Beas and the Sutlej. The larger part of Panjab plain lies in Pakistan.

## • Facilities available:-

- **Facilities available**
  - Rainfall - 60 cm average annual
  - Temperature -  $35^{\circ}\text{C}$  in summer and  $4^{\circ}\text{C}$  in winter
  - Soil - Alluvial soil with higher
  - Irrigation - River, Canals, well  
River - Ravi, Vyas, Sutlej

## Agriculture of Punjab

Punjab agriculture is highly popular all over India. Punjab is well known for its agricultural activities and plantations. Agricultural activities have occupied a high percentage of land in Punjab because of its land which is perfect for cropping.

The major agricultural products in Punjab comprise of wheat, maize, rice, and bajra. Among all these, wheat paramounts the entire crop plantation whereas rice and maize are confined to a few regions only. Punjab is the largest producer of wheat in India and it produces around 2 million tonnes every year. Rice is produced in Gurdaspur, Amritsar and Kapurthala districts in Punjab. The leading cash crops cultivated by the agricultural sector in Punjab is Cotton. Other important crops of Punjab agriculture include sugarcane, potatoes and groundnut.

The agriculture in Punjab witnessed a marked improvement of Green Revolution.



There are two main ~~main~~ ~~so~~ ~~weathering~~ crops. Rabi and Kharif are two main crops. Kharif crop extends June-August to September-December. Millets, Maize, Cotton, rice and sugarcane are the Kharif crops. The time of rabi crops is from October-November to April-May. Wheat, chickpeas barley and mustard are rabi crops.

List of slow learners

Punjab, having only 1.54% area of India, is the largest contributor of wheat and rice in the central part. Punjab has earned the title of Granary of India or Food basket of India.

The area under the major crops and their production quantity is given below (estimated figures for year 2016-17):

Crops	Area (thousand Hect.)		Production (thousand metric tonne)	
	2016-17	2015-16	2016-17	2015-16
① Wheat	3468	3506	14636	16068
② Rice	3033	2970	12638	11803
③ Maize	118	127	445	475
④ Barley	09	12	32	44
⑤ Pulses	20	20	12	10
⑥ Rapeseed/Mustard	31	32	44	42
⑦ Sunflower	6	6	11	10
⑧ Oil Seeds	42	48	58	52
⑨ Sugarcane	87	92	591	558
⑩ Cotton	285	335	1267	1389

According to 2015-16 data, the total production of rice in India was 104408 thousand metric tonne and that in Punjab was 11823 units. It means Punjab produced 11.32% of the total rice production in India. The production of wheat in

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India was 92287 units and the same in Panjab was 16077 units, which is 17.4% of the wheat production in India. The total production of cereals includes wheat rice and other cereals like maize, jowar, bajra, barley etc.

### Vegetables Grown in Panjab

The only major vegetable produce of the state is Potato. The other main vegetables produced in state are cauliflower, lady fingers, tomatoes, carrot and radish.

The area under vegetables is given below:

<u>Crops</u>	<u>Area</u>
Potato	91627
Onion	872
Other vegetables (summer)	1879

### Fruits Grown in Panjab:

In Panjab, Kinnow (Mandarin), Mango, Guava, sweet orange, Pear, Berry, Grapes, Peas and ditchi are major fruits, while Lemons, Amla, Pomegranate, Phalsa, Banana etc. are the minor fruits grown in the region.